1. A window display device which displays image data on a

display screen, comprising:

a first sub-screen displaying a first area of image data;

a main screen displaying a part of said first area with

enlargement;

a second sub-screen displaying a second area which is

adjacent to said first area;

a first sub-screen image window for displaying an area

displayed in said main screen with a display indicating frame on

said first sub-screen;

a main screen image window for moving said display

indicating frame and said display area within said main screen in

correspondence to an output representing movement of a pointing

device as notified by said first sub-screen window, said first

sub-screen window causing said display indicating frame to be

moved within said first sub-screen while said pointing device is

in dragging state; and

a second sub-screen image window for displaying said display

indicating frame in said second sub-screen when said pointing

device has moved said display indicating frame by dragging it

into said second sub-screen.

Sub Cl

2. A window display device which displays image data having a page delimiter on a display screen, comprising:

a first sub-screen displaying a first area of image data in a sub-screen column;

a main screen displaying a part of said first area with enlargement;

a second sub-screen displaying in said sub-screen column a second area which is adjacent to said first area;

a first sub-screen image window for displaying a reduced image of a page which is currently displayed on said main screen with said area displayed in said main screen indicated by a display indicating frame;

a main screen image window for moving said display indicating frame and said display area within said main screen in correspondence to an output representing movement of a pointing device as notified by said first sub-screen window, said first sub-screen window causing said display indicating frame to be moved within the same page while said pointing device is in dragging state;

a second sub-screen image window for displaying said display indicating frame in said second sub-screen when said pointing device has moved said display indicating frame by dragging it into said second sub-screen;

24   . a display screen parent window operative when said pointing

25   device has dropped said display indicating frame at an arbitrary

26   place on said second screen to which said pointing device moved,

27   for switching said main screen to the page to which said pointing

28   device moved and displaying the place indicated by said display

29   indicating frame in said main screen; and

30   a sub-screen parent window for scrolling said sub-screen so

31   that the sub-screen of the page displayed on said main screen

32   comes to a predetermined position of said sub-screen column.

3.   The window display device of Claim 2 in which said sub-

screen parent window scrolls said sub-screen so that the sub-

screen of the page displayed on said main screen comes to

substantially the central position of said sub-screen column.

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1   4.   A window display method of displaying image data on a

2   display screen of a display device having a first sub-screen

3   displaying a first area of image data, a main screen displaying a

4   part of said first area with enlargement and a second sub-screen

5   displaying a second area which is adjacent to said first area,

6   said window display method comprising the steps of:

7   displaying an area displayed in said main screen with a

8   display indicating frame on said first sub-screen;

9   moving said display indicating frame and the display area

10   within said main screen in correspondence to the movement of a

11   pointing device which causes said display indicating frame to be

12   moved within said first sub-screen while said pointing device is

13   in dragging state; and

14   displaying said display indicating frame in said second sub-

15   screen when said pointing device has moved said display

16   indicating frame by dragging it into said second sub-screen.

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5. A window display method of displaying image data having a

page delimiter on a display screen of a display device having a

3   main screen displaying a part of a page with enlargement, a first

4   sub-screen displaying the image of that page in a sub-screen

5   column and a second sub-screen displaying one or more second

6   areas which is adjacent to said page, said window display method

7   comprising the steps of:

8   displaying a reduced image of a page which is currently

9   displayed on said main screen with the area displayed in said

10 main screen indicated by a display indicating frame;

11   moving said display indicating frame and said display area

12 within said main screen in correspondence to the movement of a

13 pointing device which causes said display indicating frame to be

14 moved within the same page while said pointing device is in

15 dragging state;

16   displaying said display indicating frame in said second sub-

17 screen when said pointing device has moved said display

18 indicating frame by dragging it into said second sub-screen;

19   switching said main screen to the page to which said

20 pointing device moved to display the place indicated by said

21 display indicating frame in said main screen when said pointing

22 device has dropped said display indicating frame at an arbitrary

23 place on said second screen to which the pointing device moved to

24   display the place indicated by said display indicating frame in

25   said main screen; and

26   scrolling said sub-screen so that the sub-screen of the page

27   displayed on said main screen comes to a predetermined position

28   of said sub-screen column.

6. A recording medium recording a display control program for

operating a computer system having a display device for

displaying image data on a display screen of said display device,

said display control program causing said computer system to:

display a first sub-screen displaying a first area of image

data;

display a main screen displaying a part of said first area

with enlargement;

display a second sub-screen displaying a second area which

is adjacent to said first area;

display the area displayed in said main screen on said first

sub-screen with a display indicating frame;

move said display indicating frame and said display area

within said main screen in correspondence to the movement of a

pointing device which causes said display indicating frame to be

moved within said first sub-screen while said pointing device is

in dragging state;   and

display said display indicating frame in said second sub-

screen when said pointing device has moved said display

indicating frame by dragging it into said second sub-screen.

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1   7. A recording medium recording a display control program for

2   operating a computer system having a display device for image

3   data having a page delimiter on a display screen of a display

4   device, said display control program causing said computer system

5   to:

6   display a main screen displaying a part of a page with

7   enlargement:

8   display first sub-screen displaying the image of that page

9   in a sub-screen column;

10   display a second sub-screen displaying one or more second

11   areas which is adjacent to said page in said sub-screen column;

12   display a reduced image of a page which is currently

13   displayed on said main screen with the area displayed in said

14   main screen indicated by a display indicating frame;

15   move said display indicating frame and said display area

16   within said main screen in correspondence to the movement of a

17   pointing device which causes said display indicating frame to be

18   moved within the same page while said pointing device is in

19   dragging state;

20   display said display indicating frame in said second sub-

21   screen when said pointing device has moved said display

22   indicating frame by dragging it into said second sub-screen;

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23   switching said main screen to the page to which said

24 pointing device moved to display the place indicated by said

25 display indicating frame in said main screen, when said pointing

26 device has dropped said display indicating frame at an arbitrary

27 place on said second screen to which said pointing device moved;

28 and

29   scroll said sub-screen so that the sub-screen of the page

30 displayed on said main screen comes to a predetermined position

31 of said sub-screen column.

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